

ABSTRACT OF THE DISCLOSURE

A reproduction apparatus for reproducing digital information recorded on an optical disc, comprises an optical pickup for reading said digital information recorded on said optical disc to have said digital information converted into electric signals, said digital information containing errors appearing when said digital information is read by said optical pickup; signal amplifying means for amplifying said electric signals converted from said digital information read by said optical pickup; signal processing means for processing said electric signals in one or more times of retry routines to correct said errors outputted as said electric signals from said signal amplifying means; a buffer memory for storing said electric signals outputted from said signal processing means; signal decoding means for decoding said electric signals stored in said buffer memory and outputted from said buffer memory; pickup driving means for driving said optical pickup to move on said optical disc, said errors being associated with respective addresses to be targeted by said optical pickup when said optical pickup is moved by said pickup driving means; information residue detecting means for detecting an amount of residue digital information remaining in said buffer memory; and retry controlling means for controlling said one or more times of retry routines based on said amount of residue digital information detected by said information residue detecting means when said digital information fails to be read out of said optical disc.